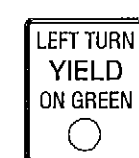


MD 543 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

11,12



13,14

Calvary Road
Next Signal

15

Fountain Green Road
Creswell Road
Next Signal

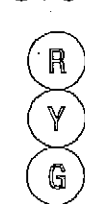
16

Creswell Road
Fountain Green Road
Next Signal

Located 16
1320 ft.
from PI

EXISTING SIGNALS

1-6,8,10



12"

7,9

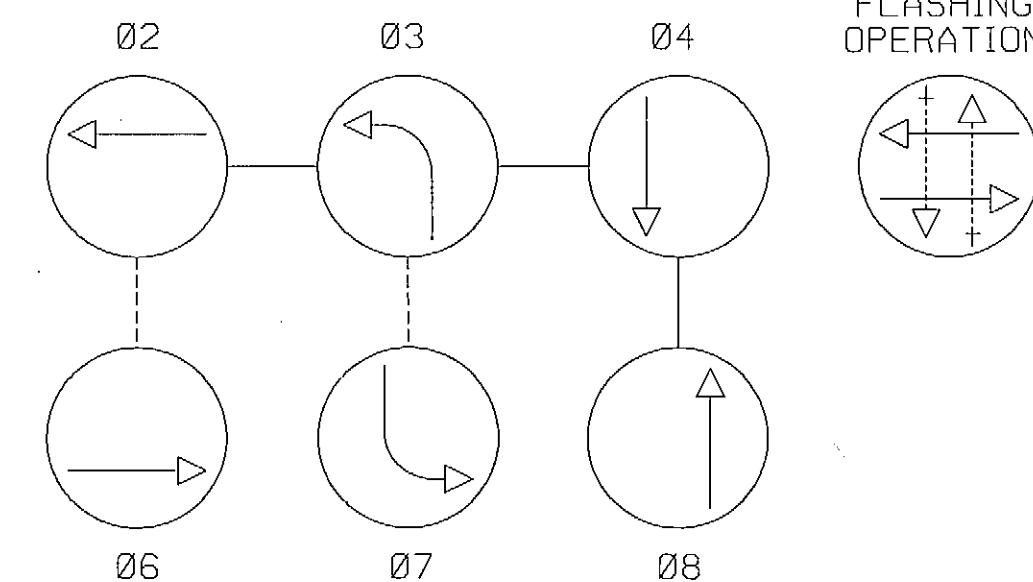


12"

PROPOSED VIDEO DETECTION CAMERAS

a,b

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

TOD NO:XX356-04
SHA NO:HA378K52
US 1,US 40,MD 543 V.L.

CONSTRUCTION DETAILS

- A. USE EXISTING CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT DETECTOR RACK AND CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
- B. USE EXISTING HANDHOLE.
- C. USE EXISTING CONDUIT.
- D. INSTALL HANDHOLE.
- E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- H. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- J. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
- K. REMOVE EXISTING HANDHOLE AND RE-INSTALL IN-KIND ROTATING HANDHOLE 90 DEGREES TO ROADWAY ON TOP OF EXISTING CONDUIT HEADING NORTH LEAVING 6 IN. PROTRUDING INTO HANDHOLE.
- L. USE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERA MOUNTED WITHIN 3 FT. OF TOP OF STRAIN POLE AS SHOWN.
- M. USE EXISTING SPAN WIRE.
- N. USE EXISTING STEEL STRAIN POLE.
- O. REMOVE EXISTING HANDHOLE AND RE-INSTALL IN-KIND ROTATING HANDHOLE 90 DEGREES TO ROADWAY ON TOP OF EXISTING CONDUIT HEADING SOUTH LEAVING 6 IN. PROTRUDING INTO HANDHOLE.
- P. USE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERA MOUNTED 20 FT. ABOVE THE GROUND AS SHOWN.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
F FIBER-OPTIC

WR&A

WHITMAN, REQUARDT
& ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

APPROVALS

TEAM LEADER
ASST. DIR. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

E UPGRADE LOOP DETECTION TO VIDEO
ASBUILT.
CONTRACT NO. XX3565168 9/25/2009
D REPLACE FAILED LOOP DETECTORS
9/2/2004
JMC L.M.
C INSTALL NEW CONDUIT S/B MD 543
SHA NO. BW996M82 MAY 8, 2000
F.J.H. K.W. DAB BRK T.H.

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE JUNE 1973 CONTRACT NO.
DESIGNED BY COUNTY Harford
DRAWN BY LES TOWNSEND LOGMILE 12054303, & 3
CHECKED BY TIMS NO. J906
F.A.P. NO. TOD NO.
TS NO. 618 E DRAWING TSP - 1 OF 6 SHEET NO. 1 OF 6

PLOTTED: 09-28-2009
FILE: n:\31555-102\CADD\p\SG-P001_1806.dgn